

Abstract:

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A multilayer composite which comprises the following layers:

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I. an interior layer I selected from among a fluoropolymer molding composition and a polyolefin molding composition;

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II. a bonding agent layer II which has the following composition:

a) from 0 to 80 parts by weight of a polyamine-polyamide graft copolymer ,

b) from 0 to 85 parts by weight of polyamide,

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c) from 0 to 85 parts by weight of a polymer selected from among fluoropolymers and polyolefins,

with the sum of the parts by weight of a), b) and c) being 100,

and, in addition,

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- the sum of the components a) and b) comprising at least 20 parts by weight of monomer units derived from caprolactam and/or the combination hexamethylenediamine/adipic acid, hexamethylenediamine/

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suberic acid, hexamethylenediamine/sebacic acid, hexamethylenediamine/dodecanedioic acid, hexamethylenediamine/isophthalic acid or hexamethylenediamine/terephthalic acid and

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d) not more than 50 parts by weight of additives selected from among impact-modifying rubber and customary auxiliaries and additives;

III. a layer III comprising an EVOH molding composition,

35 has improved adhesion of the layers.